山东能源
SHANDONG ENERGY

FGI新风光

FD800 Series

VFD for dedicated Drive

WINDSUN
新时代·新风光

SAVE **ENERGY**
SERVE **SOCIETY**

Mission: Master core technology and continuously promote power electronic equipment to integrate various industries

Vision: save energy, serve society, to strive for centuries

Core values: Integrity, Innovation, Cooperation, Struggle

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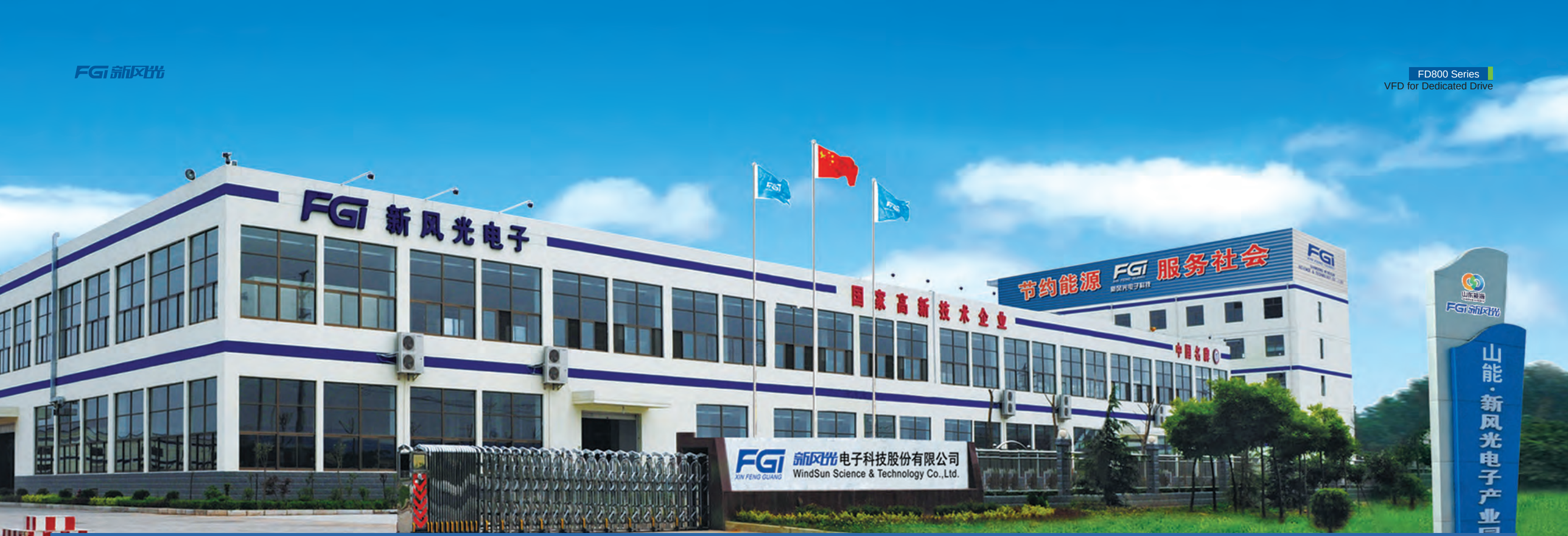

3	15	27	12	50+	350+	28000+
Participated in 3 "863" programs	15power electronics performance laboratories	Formulation of national/ industrial standards	1 station /2 rooms /1 base /8 R&D centers	More than 50 years of power electronics R & D and manufacturing experience	National patents	High-voltage cascade products have been put into operation

Company Profile

Accompanied by China's 30-year history of energy-saving development
7 mergers and reorganizations, 4 factory relocations, and over 300 product honors
Customer recognition stems from the pursuit of excellence in FGI Manufacturing

FGI originated from 1970, it has undergone over 50 years of development and transformation.

In 1970, the state-owned Wenshang Wireless Power Plant(FGI)was established. From 1990 to 1992, under the leadership of Li Ruilai (former factory director and chief engineer), the first generation of controllable silicon thyristor low-voltage VFD was developed, which pioneered the early research on domestic low-voltage VFD in China. In 1992, the first low-voltage VFD get the technique authentication report which comes from Electric Product Intendance and Checking Institution of Shandong Province. Through the persistent efforts of the team, the products have gradually been serialized, contributing to the development of the national energy-saving cause and industry. Since then, the leading product series of VFD has continued to this day.

In order to seek development, the enterprise underwent multiple restructuring and reorganization, and in April 2002, Shandong Fengguang Electronics Co., Ltd. was established. In August 2004, the company was restructured and reorganized into Shandong Xinfengguang Electronic Technology Development Co., Ltd. In 2008, venture capital was introduced, and the new factory area of Wenshang Economic Development Zone was completed and relocated as a whole. In 2011, Shandong Energy Strategic Investment was introduced, forming a mixed ownership enterprise consisting of multiple types of equity controlled by Shandong Energy Group today. In 2015, a shareholding reform was carried out and Windsun Science & Technology Co., Ltd. (FGI) was established, forming a sound modern enterprise management structure including the Party Committee,Shareholders' Meeting, Board of Directors, Supervisory Board, Senior Management, and Trade Union.

On April 13, 2021, FGI successfully landed on STAR Market, becoming the seventh listed company in the "Renewable industry", the second in the "smart grid industry", and the first listed company in the "Shandong Provincial State owned Enterprise" on the board, achieving new development for traditional enterprises.

Power electronics technology is changing the global energy system and will gradually spread to every corner of the world! We have always been based on power electronics technology, striving and constantly exploring to provide solutions and services covering the entire value chain and lifecycle for customers in the fields of power, industry, and infrastructure. We are always committed to the construction of a new type of power system, accelerating energy transformation through digitization, helping to achieve carbon neutrality, and jointly creating a better future for humanity.

Milestone

1970
"Four Oriented" Gathered talents

State owned Wenshang Radio Factory was established

2004
Property rights reform to inject vitality

Restructured to establish FGI

2011
Enterprise hybrid reform to enhance power

Attracted investment from Shandong Energy Group for flourishing development.

2019
Build a talent gathering place

Established Jinan Branch and R&D Center

2021
A new chapter of corporate listing

Listed on STAR Market.

Code No.:688668

2022
Focus on global development

Established Suzhou Branch and Overseas Department

2023
Layout of new industrial highland

Established Qingdao Branch

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FGI
New voyage
Further development

Honors &Certifications

PCCC certificate

Invention patent

National standard

Software copyright certificate

EU CE certificate

Flame-proof certificate

National Type-test Report

Utility model patent certificate

Design Certificate

Quality Assurance

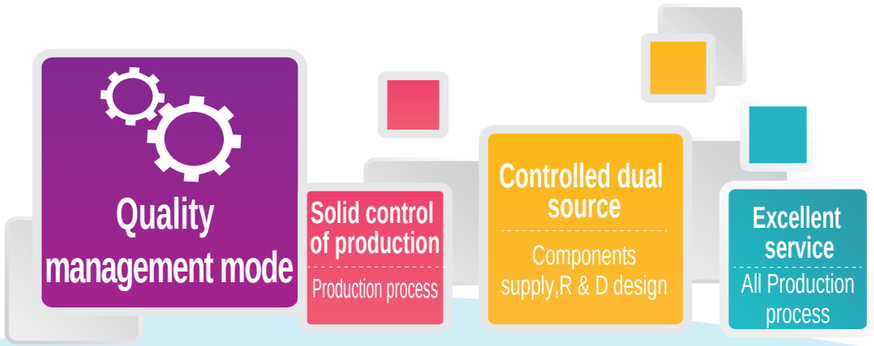
FGI has passed the ISO certification of quality, environment and safety, and has been rated as an AAAA enterprise with good standardized behavior, an advanced enterprise with excellent performance in quality and management in Shandong Province, and a qualifed enterprise with measurement assurance.
Production management has a rigorous quality control plan, strictly implements the requirements of ISO9001 standard, pays attention to PDCA management of production process, strict process control, production process control, and implements the whole process quality control. Combined with the on-site "6S" management tools, the qualifed rate of product delivery inspection is 100%.
The production and test system covers an area of 80000m^2, has a product test centralized control center with complete machine detection automation function and high degree of integration, introduces automatic SMT, wave soldering and automatic paint spraying lines imported from Germany and South Korea, and develops testing equipment and environmental testing equipment. It has 5 unit assembly lines, with an annual production capacity of 3000-5000 sets of high-voltage products.

Purifcation parts manufacturing center


PCB three-proof painting line


PCB board testing - FCT, ICT function test line


SMT-AOI automatic mounter—Opticaldetectionline



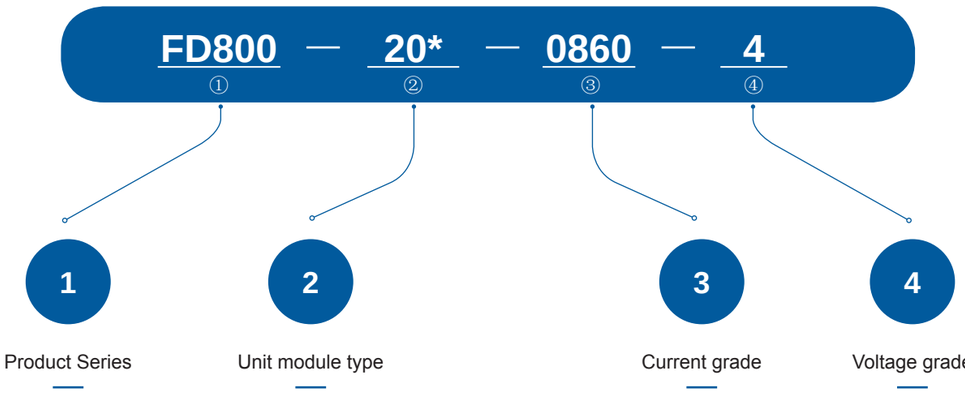

Low pressure, high and low temperature environment simulator


Temperature shock environment simulator


Salt spray environment simulator

FD800 series VFD for dedicated drive is an electrical drive product based on high-end industrial application, with perfect control system. Its main control system uses high-speed DSP as the control core, and the control algorithm is fully digitalized. It has excellent motor speed and torque control performance, abundant interfaces and configurations, modular design scheme, support four-quadrant, support multi-machine drive, and flexible configuration of unit and cabinet. It is widely used in mining, petroleum, metallurgy, marine engineering, dynamometer and other industries.

Naming Notations



①	Product	FD800:VFD for dedicated drive
②	Unit Module type (including cabinet)	10: Diode rectifier unit 20:Synchronous rectifier unit 30:AFE rectifier unit 40:DCDC Unit 70:Simple four-quadrant VFD, 20 functions and 50 functions comp 60:Two-quadrant VFD, 10 functions and 50 functions composed 50:VFD Unit 60:Two-quadrant VFD, 10 functions and 50 functions composedto 60 70:Simple four-quadrant VFD, 20 functions and 50 functions composed to 70 80:Standard four-quadrant VFD,30 functions and 50 functions composed to 80 90:Other Unit F0:Rectifier control unit D0:Inverter control unit D0:Inverter control unit Note:The whole machine, consisting of three rectifier units in conjunction with a 40DCDC unit, is designated as 40F. 01:Ac side incoming assembly 02:Transformer assembly 03:Input side filter components (including LCL filter unit, EMI filter unit, etc.) 04:Dc side components (including power-on buffer components, DC inlet components, etc.) 05:Dc side filter components (including capacitance unit, reactance unit, etc.) 07:Outlet side comp 06:Output side filter module (including sine wave filter unit, EMI filter unit, etc.) 07:Outlet side components 08:Default 09:Other components *Default standard unit *F stands for unit cabinet
③	Current grade	Composed of 2-4 digits, representing current For example: 05:No-overload application 5A; 50:No-overload application 50A; 500:No-overload application 500A; 5000:No-overload application5000A
④	Voltage grade	4:Three- phase 400V 6:Three-phase 690V

Cabinet products

Power Unit

Control Unit

Wide power range

Unit product

Diode rectifier unit	Synchronous rectifier unit	AFE rectifier unit	Inverter unit
400V:200-1000kW 690V:200-1200kW	400V:200-630kW 690V:200-710kW	400V:200-500kW 690V:200-560kW	400V:37-500kW 690V:37-560kW

Cabinet product

Standard two-quadrant cabinet machine	Simple four-quadrant cabinet machine
400V 200-3000kW (customizable12000kW) 690V 200-3300kW (customizable13000kW)	400V 200-3000kW (customizable12000kW) 690V 200-3300kW (customizable13000kW)

Standard four-quadrant cabinet machine
400V 200-3000kW (customizable12000kW) 690V 200-3300kW (customizable13000kW)

MD (modular design)

- Filter, rectifier, inverter and brake are independent and standard modules.
- Book design facilitates cabinet forming and reduces cabinet size.
- Flexibly configure the module according to the power of load motor.

MultiLing Keyboard

Excellent performance

Improving performance

High-efficiency operation of synchronous asynchronous motor can be realized by advanced motor driving technology.

Rich motor identification methods

Efficient and fast motor parameter identification algorithm, supporting multiple self-learning modes, accurate and consistent dynamic and static learning, no manual adjust ment required, and giving full play to driving performance

Reliable braking performance

Integrated with DC, magnetic flux, short circuit and other braking modes, which can realize safe and fast shutdown of large inertia load

No impact speed tracking

The software can automatically search the motor speed and direction, and realize the smooth and impact-free start of the motor at any speed

Stable low frequency heavy duty performance

Under the closed-loop vector mode, the low frequency torque is large and the torque pulsation is small, so the extremely low speed 0.01HZ stable on-load operation can be realized, and the to rque and speed modes can be switched smoothly online

Excellent motor control algorithm

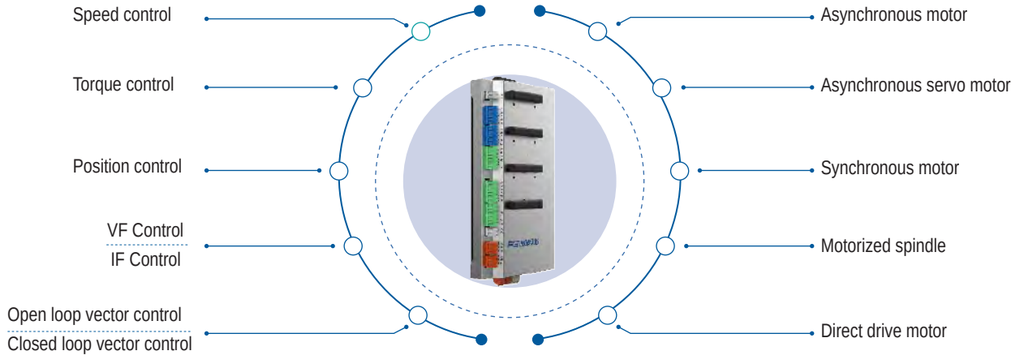
- New magnetic field directional control algorithm, excellent low frequency and heavy load performance, improving torque control accuracy;
- New speed observer reduces motor parameter dependency and improves speed control stability

Reliable torque limits

"Digger "feature: limit the torque output through high-precisiont orque limiting function, so as to safely and effectively protect the mechanical equipment in case of sudden load change

Applicable to multiple motor drives

Drive various motors : direct-drive motor, permanent magnet synchronous motor, electric spindle, asynchronous servo motor, ordinary as ynchronous motor, variable frequency motor, servo motor, etc.



Independent control system

◇ Independent modular design of control unit

Provide effective protection for the control board section, facilitating customer cabinet assembly;
Achieve ATO delivery according to customer order requirements;

◇ The control unit and power unit adopt fiber optic communication

Long distance communication facilitates distributed installation of control units and main transmission circuits;
Strong EMC performance enhances system reliability;
Electrical isolation provides effective protection for control system debugging and maintenance;

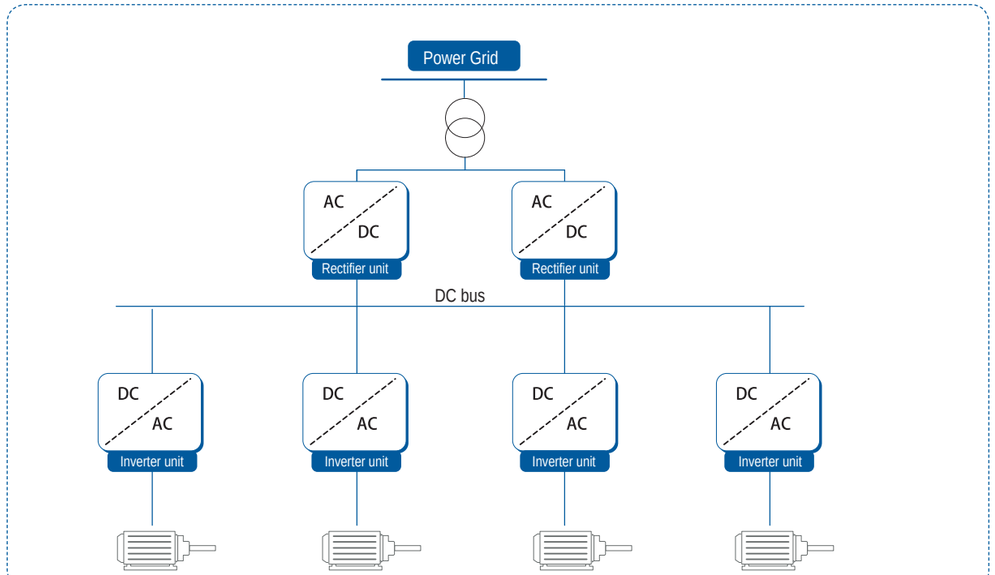
Common DC bus

In applications such as feedback load shedding or curling and unwinding, the generated energy and electric energy are exchanged through the DC bus, saving energy demand (5% -30%).

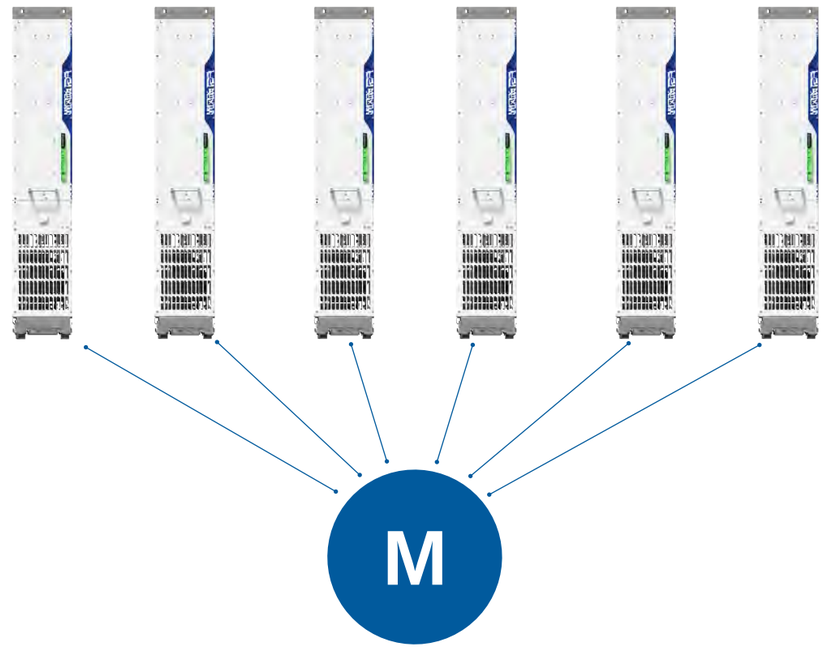
Effectively reduce the current of the rectifier module and braking module, and simplify the system capacity.

Unified power supply from rectifier units reduces the usage of main circuit switching devices and braking units.

Reduced the difficulty and amount of wiring in the electronic control system, saving user costs



Supports 6-way synchronous drive



Serialized standard cabinet products

From design to production, it is under the supervision of a comprehensive quality control system, effectively ensuring product reliability;

◇ **Flexible cabinet grouping**

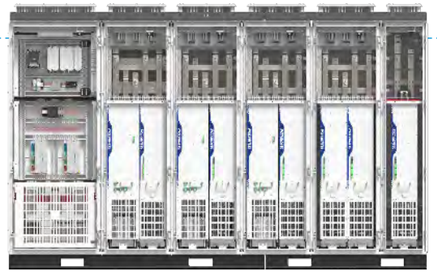
By using the management number in the product model, the position of the incoming cabinet can be flexibly selected;
Adapt to different construction site cabinet placement methods (back-to-back/parallel parallel);

◇ **Flexible cabinet expansion design**

Simply replace the cabinet side panel and purchase the corresponding parallel components to achieve the expansion of the original system;

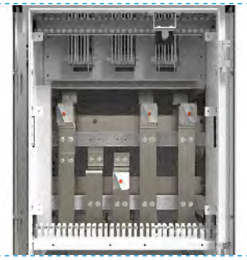
Compact structure design

A compact structural design that supports unilateral maintenance, saving installation space without compromising maintenance convenience;



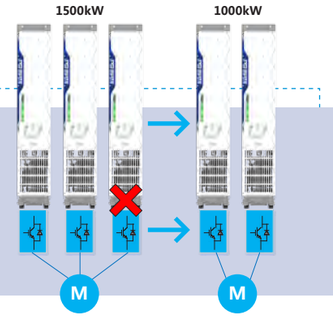
DC fuse protection

The positive and negative busbars of the multi cabinet shared DC bus product are equipped with fuses to effectively isolate faulty units and prevent faults from spreading to the entire system;

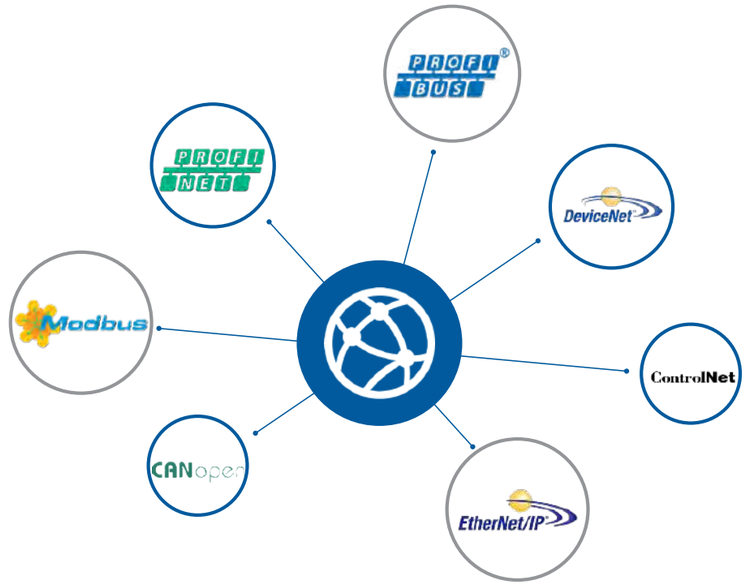


Support for reduced output

After the faulty unit exits the multi unit parallel cabinet machine product, the cabinet machine system can maintain output under reduced load conditions, minimizing the risk of sudden system shutdown as much as possible;



Supports mainstream communication protocols



Product Parameters

Function Description		Specification index
Power Input	Rated Input Voltage(V)	4:380~440VAC Three-phase ±10%,-15%□1min 6:520~690VAC Three-phase ±10%,-15%□1min
	Rated Input Current(A)	Reference Selection List
	Rated Input Frequency(Hz)	50Hz/60Hz,Fluctuation range:± 5%:±5%
	Rated input efficiency (%)	98.5%□□
Power output	Output Voltage(V)	0~Input Voltage
	Output Current(A)	Reference Selection
	Output Power(kW)	0~3200kW
	Output Frequency(Hz)	0~400Hz

Function Description		Specification index
Operational control performance	Control mode	Space voltage vector control mode, no PG vector control mode, with PG vector control mode
	Motor type	Asynchronous motor,Synchronous motor
	Speed ratio	Asynchronous machine 1:200 (SVC), synchronous machine 1:20 (SVC), 1:1000 (VC)
	Speed control accuracy	± 0.1% (without PG vector control), ± 0.01% (with PG vector control)
	Speed fluctuations	± 0.2% (without PG vector control), ± 0.1% (with PG vector control)
	Torque response	<5ms(without PG vector control),<3ms(with PG vector control)
	Torque control accuracy	5% (without PG vector control), 5% (with PG vector control)
	Starting torque	Asynchronous machine: 0.25Hz/150% (without PG vector control) Synchronous machine: 2.5Hz/150% (without PG vector control) 0Hz/200% (with PG vector control)
	Overload capacity of VFD	150% 60s (within a 5-minute cycle)
	Frequency setting method	Digital setting, analog setting, pulse frequency setting, multi speed operation setting, simple PLC setting, PID setting, Modbus setting Communication settings, Profibus communication settings, EtherNET/IP communication settings, etc; Implement the combination of settings and switch between set channels
	Automatic voltage adjustment function	When the voltage of the power grid changes, it can automatically maintain a constant output voltage
	Fault protection function	Provides over thirty types of fault protection functions: overcurrent, overvoltage, undervoltage,over temperature, phase loss, overload, and other protection functions
	Speed tracking and restart function	The VFD is capable of tracking the full frequency range speed of the rotating motor and achieving smooth start without impact
	Uneven flow rate of unit parallel connection	≤5%
	Bus voltage detection accuracy	± 1% of overvoltage point
	Exclusive functions for the petroleum industry	Hover, weak magnetic control (6 * fn), master-slave control, torque limiting, open loop/closed-loop on line switching, supporting seamless replacement of DP and PN communication Replacing Siemens products (Profidrive protocol), ESP (submersible pump), and DC pre charging
	Exclusive functions for the lifting industry	Master-slave control, torque control, lifting brake logic control, active rectification, basic rectification (multi pulse)
Control unit external terminals	Power Input	IN24V, control unit power supply;PW switch input power supply;
	Power Output	+24V, COM, providing 24V power supply to the outside; +10V, GND, providing external analog input power supply
	Analog input	3 analog inputs:2-way (AI1/AI2) -10~+10V/-20mA~20mA, 1-way (AI3) -10~10V
	Analog output	2-way(AO1/AO2)0~10V /0~20mA
	Terminal analog input resolution	≤ 20mV
	Terminal switch input resolution	≤ 2ms
	Digital input	6-way ordinary inputs, maximum frequency 1kHz, internal impedance: 3.3kΩ; 2-way high-speed input, maximum frequency 100kHz
	Digital input	2-way high-speed pulse outputs, with a maximum frequency of 100kHz;
	Relay output	4-way programmable relay outputs T1A normally open, T1B normally closed, T1C common terminal; T2A normally open, T2B normally closed, T2C common terminal; T3A normally open, T3C common terminal, when F0 is the control unit, it serves as the main circuit contact control relay; T4A normally open, T4C common terminal; When F0 is the control unit, it serves as an auxiliary circuit contactor to control the relay Contact capacity: 3A/AC250V, 1A/DC30V
	communication interface	1-way RS485
	Expansion interface	Three compatible extension interfaces: SLOT1, SLOT2, and SLOT3; Scalable PG cards, communication cards, programmable cards, IoT cards, I/O cards, etc

Function Description		Specification index
Internal terminals of control unit	Unit communication fiber optic	6 sets of unit communication optical fibers, each consisting of 4 transmitters and 1 receiver: VT1, U-phase drive signal transmission; VT2, V-phase drive signal transmission; VT3, W-phase drive signal transmission; VT4, main control communication signal transmission; VR1, acceptance of unit communication model; Using plastic optical fibers
	Master slave communication fiber optic	VT0: Communication signal transmission; VR0: Communication signal reception; Using quartz optical fibers
	Expansion interface	RST signal detection dedicated extension interface: SLOT0, position overlaps with SLOT1, RST signal detection signal processing and tuning are sent to DSP interface
Power unit terminals	Digital input	3-way ordinary inputs, maximum frequency 1kHz, internal impedance: 3.3k Ω
	Safety terminal	STO24V, STOGND, STO, safety torque cutoff
	Relay output	1-way programmable relay output T1A normally open, T1C common terminal Contact capacity: 3A/AC250V, 1A/DC30V
	Main control communication fiber optic	1 set of unit communication optical fibers, consisting of 4 receivers and 1 transmitter: VR1, U-phase drive signal reception; VR2, V-phase drive signal reception; VR3, W-phase drive signal reception; VR4, main control communication signal reception; VT1, unit communication signal transmission; Using plastic optical fibers
Filter unit terminal	Relay output	Relay output, filtering unit overheat fault, fan fault output, connected to power unit S1 terminal position
	Digital input	Connect the power unit relay output to control the operation of the filtering unit fan
Others	Installation method	Cabinet installation
	Operating ambient temperature	-10 ~50 °C, for use with reduced ratings above 40°C
	MTBF	100000 hours
	IP level	Cabinet system: IP20 or above Power unit: IP00
	Safety regulations	Meet CE requirements
	EMC	Meet CE requirements
	Cooling Method	Air-forced cooling
	Temperature rise	Under the rated operating default carrier frequency, meet the testing specification requirements

◎ Selection list

■Diode rectifier unit

400V：718A～5477A（475kW～3620kW）

Rated Value				Light overload appliHeavy		Heavy overload application		Model
I_N	I_N	I_{max}	P_N	I_{Ld}	P_{Ld}	I_{hd}	P_{Hd}	
A (AC)	A (DC)	A (DC)	kW (DC)	A (DC)	kW (DC)	A (DC)	kW (DC)	
6 pulse rectification								
718	879	1142	475	844	456	659	356	FD800-10-718-4
982	1202	1562	649	1154	623	901	487	FD800-10-982-4
1336	1635	2126	883	1570	848	1226	662	FD800-10-1336-4
1826	2235	2905	1207	2146	1159	1676	905	FD800-10-1826-4
2739	3352	4358	1810	3218	1738	2514	1358	FD800-10-2739-4
3651	4469	5809	2413	4290	2317	3351	1810	FD800-10-3651-4
4564	5586	7262	3016	5363	2896	4190	2262	FD800-10-4564-4
5477	6704	8715	3620	6435	3475	5028	2715	FD800-10-5477-4
12 pulse rectification								
1336	1635	2126	883	1570	848	1226	662	FD800-10-1336-4(12DF)
1826	2235	2905	1207	2146	1159	1676	905	FD800-10-1826-4(12DF)
2674	3273	4255	1767	3142	1697	2455	1325	FD800-10-2674-4(12DF)
3651	4469	5809	2413	4290	2317	3351	1810	FD800-10-3651-4(12DF)
4008	4906	6377	2649	4709	2543	3679	1987	FD800-10-4008-4(12DF)
5477	6704	8715	3620	6435	3475	5028	2715	FD800-10-5477-4(12DF)

■Diode rectifier unit

690V：570A～4546A（650kW～5183kW）

Rated Value				Light overload appliHeavy		Heavy overload application		Model
I_N	I_N	I_{max}	P_N	I_{Ld}	P_{Ld}	I_{hd}	P_{Hd}	
A (AC)	A (DC)	A (DC)	kW (DC)	A (DC)	kW (DC)	A (DC)	kW (DC)	
6 pulse rectification								
570	698	907	650	670	624	523	487	FD800-10-570-6
815	998	1297	929	958	892	748	697	FD800-10-815-6
1061	1299	1688	1210	1247	1161	974	907	FD800-10-1061-6
1515	1854	2411	1727	1780	1658	1391	1295	FD800-10-1515-6
2273	2782	3617	2591	2671	2488	2087	1944	FD800-10-2273-6
3031	3710	4823	3456	3561	3317	2782	2592	FD800-10-3031-6
3788	4636	6027	4319	4451	4146	3477	3239	FD800-10-3788-6
4546	5564	7233	5183	5341	4976	4173	3887	FD800-10-4546-6
12 pulse rectification								
1061	1299	1688	1210	1247	1161	974	907	FD800-10-1061-6(12DF)
1515	1854	2411	1727	1780	1658	1391	1295	FD800-10-1515-6(12DF)
2122	2597	3376	2419	2493	2323	1948	1814	FD800-10-2122-6(12DF)
3031	3710	4823	3456	3561	3317	2782	2592	FD800-10-3031-6(12DF)
4546	5564	7233	5183	5341	4976	4173	3887	FD800-10-4546-6(12DF)

■Synchronous rectifier unit

400V：640A～5022A（423kW～3319kW）

No-overload application			Light overload application		Heavy overload application		Model
I_N	I_{max}	P_N	I_{Ld}	P_{Ld}	I_{Hd}	P_{Hd}	
A (AC)	A (DC)	kW (DC)	A (DC)	kW (DC)	A (DC)	kW (DC)	
640	1018	423	752	406	587	317	FD800-20-640-4
900	1432	595	1057	571	826	446	FD800-20-900-4
1190	1894	787	13899	755	1093	590	FD800-20-1190-4
1674	2664	1106	1967	1062	1537	830	FD800-20-1674-4
2380	3787	1573	2796	1510	2185	1180	FD800-20-2380-4
3348	5327	2213	3934	2124	3073	1660	FD800-20-3348-4
5022	7991	3319	5901	3186	4610	2489	FD800-20-5022-4

690V：600A～5022A（685kW～5726kW）

No-overload application			Light overload application		Heavy overload application		Model
I_N	I_{max}	P_N	I_{Ld}	P_{Ld}	I_{Hd}	P_{Hd}	
A (AC)	A (DC)	kW (DC)	A (DC)	kW (DC)	A (DC)	kW (DC)	
600	955	685	705	657	551	513	FD800-20-600-6
900	1432	1076	1026	985	826	770	FD800-20-900-6
1116	1776	1334	1387	1311	1024	954	FD800-20-1116-6
1674	2664	1909	1967	1832	1537	1431	FD800-20-1674-6
2232	3551	2667	2623	2443	2049	1909	FD800-20-2232-6
3348	5327	3817	3934	3664	3073	2863	FD800-20-3348-6
5022	7991	5726	5901	5497	4610	4294	FD800-20-5022-6

■AFE rectifier unit

400V：640A～5022A（394kW～3167kW）

No-overload application			Light overload application		Heavy overload application		Model
I_N	I_{max}	P_N	I_{Ld}	P_{Ld}	I_{Hd}	P_{Hd}	
A (AC)	A (DC)	kW (DC)	A (DC)	kW (DC)	A (DC)	kW (DC)	
575	854	394	631	379	493	296	FD800-30-575-4
810	1204	556	889	533	694	417	FD800-30-810-4
1092	1623	757	1198	719	936	562	FD800-30-1092-4
1539	2287	1056	1689	1013	1319	792	FD800-30-1539-4
2185	3247	1499	2398	1439	1873	1124	FD800-30-2185-4
3078	4574	2111	3378	2027	2639	1583	FD800-30-3078-4
4617	6861	3167	5067	3040	3958	2375	FD800-30-4617-4

690V：600A～5022A（437kW～6069kW）

No-overload application			Light overload application		Heavy overload application		Model
I_N	I_{max}	P_N	I_{Ld}	P_{Ld}	I_{Hd}	P_{Hd}	
A (AC)	A (DC)	kW (DC)	A (DC)	kW (DC)	A (DC)	kW (DC)	
369	548	437	405	419	316	327	FD800-30-369-6
540	802	639	593	613	463	479	FD800-30-540-6
701	1042	829	769	796	601	622	FD800-30-701-6
1026	1525	1214	1126	1165	880	910	FD800-30-1026-6
1402	2083	1659	1539	1592	1202	1244	FD800-30-1402-6
2052	3049	2428	2252	2331	1759	1821	FD800-30-2052-6
3078	4574	3678	3642	3378	2639	2731	FD800-30-3078-6
4104	6099	4856	4504	4661	3519	3642	FD800-30-4104-6
5130	7623	6069	5630	5827	4398	4552	FD800-30-5130-6

■Inverter unit

400V：639A～5130A（355kW～2800kW）

No-overload application			Light overload application		Heavy overload application		Model
I_N	I_{max}	P_N	I_{Ld}	P_{Ld}	I_{Hd}	P_{Hd}	
A (AC)	A (AC)	kW (AC)	A (AC)	kW (AC)	A (AC)	kW (AC)	
639	766	355	613	315	479	250	FD800-50-639-4
757	909	400	727	400	568	315	FD800-50-757-4
900	1080	500	864	450	675	355	FD800-50-900-4
1213	1456	630	1165	630	910	500	FD800-50-1213-4
1439	1727	800	1381	800	1079	630	FD800-50-1439-4
1710	2052	1000	1642	900	1283	710	FD800-50-1710-4
2158	2590	1200	2072	1200	1619	900	FD800-50-2158-4
2565	3078	1400	2463	1400	1924	1000	FD800-50-2565-4
3420	4104	1800	3283	1800	2565	1400	FD800-50-3420-4
4275	5130	2400	4104	2000	3206	1800	FD800-50-4275-4
5130	6156	2800	4925	2400	3848	2000	FD800-50-5130-4

690V：410A～3420A（400kW～3200kW）

No-overload application			Light overload application		Heavy overload application		Model
I_N	I_{max}	P_N	I_{Ld}	P_{Ld}	I_{Hd}	P_{Hd}	
A (AC)	A (AC)	kW (AC)	A (AC)	kW (AC)	A (AC)	kW (AC)	
410	492	400	394	355	308	315	FD800-50-410-6
530	636	500	509	450	398	355	FD800-50-530-6
600	720	560	576	560	450	400	FD800-50-600-6
650	780	630	624	560	488	450	FD800-50-650-6
720	864	710	692	630	541	500	FD800-50-721-6
779	935	800	748	710	584	560	FD800-50-779-6
1007	1208	1000	967	900	755	710	FD800-50-1007-6
1140	1368	1100	1094	1000	855	800	FD800-50-1140-6
1235	1482	1200	1186	1000	927	900	FD800-50-1235-6
1368	1642	1300	1311	1200	1026	1000	FD800-50-1368-6
1510	1813	1400	1450	1400	1133	1100	FD800-50-1510-6
1710	2052	1600	1642	1600	1283	1200	FD800-50-1710-6
2052	2462	2000	1967	1800	1539	1500	FD800-50-2052-6
2280	2736	2000	2189	2000	1710	1600	FD800-50-2280-6
2850	3420	2800	2736	2400	2138	2000	FD800-50-2850-6
3420	4104	3200	3283	3200	2565	2400	FD800-50-3420-6

◎ Application Field


Metallurgy


Petrochemical

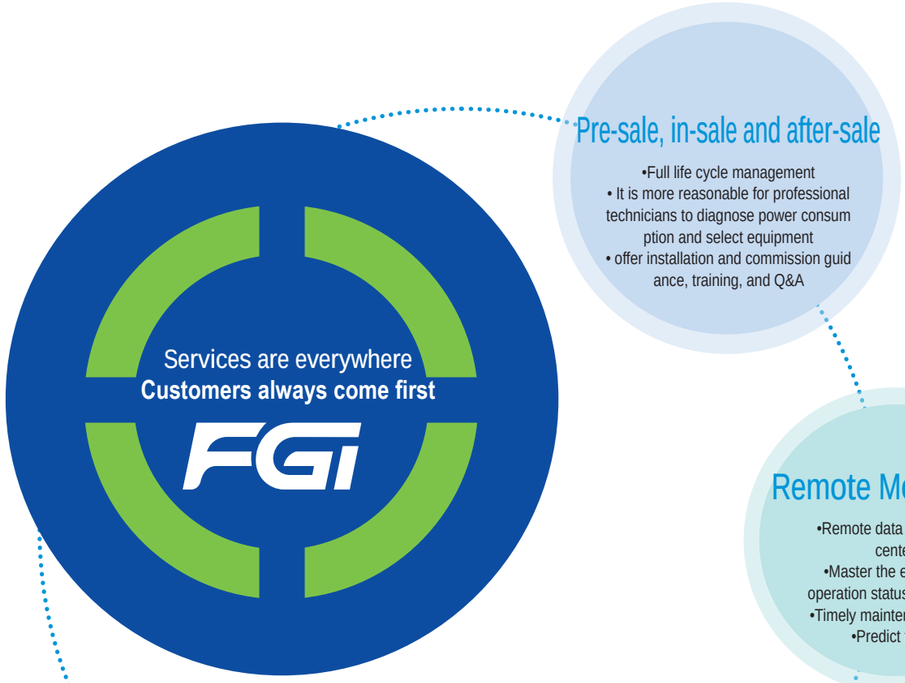

Port cranes


Paper


Marine engineering


Mining hoist

Full Life cycle service



Stock：FGI
Stock Code： 688663

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